

(01) LH LOW STEP INSTALLATION (02) RH LOW STEP INSTALLATION

RIGHT SIDE INSTALLATION SHOWN, LEFT SIDE INSTALLATION OPPOSITE BELL 212 SHOWN, BELL 205, AND 412 INSTALLATION IDENTICAL NOT TO SCALE

Α	PPROVALS	DATE		
DRAWN:	JEFF CLARKE	13 JAN 2015		
CHECKED	· JASON REKVE	13 JAN 2015		

AERO DESIGN LTD.

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POWELL RIVER, BC, CANADA, V8A 0G3
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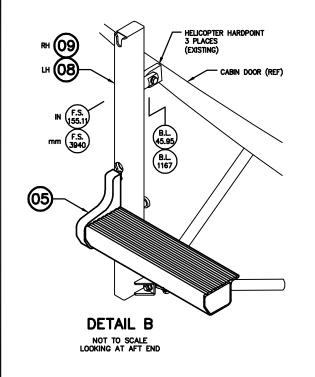
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:

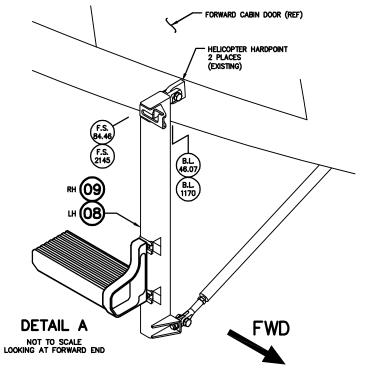
DECIMALS ANGLES X.XXX ± 0.010 $\pm 1/2^{\circ}$ X.XX ± 0.03 X.X ± 0.1

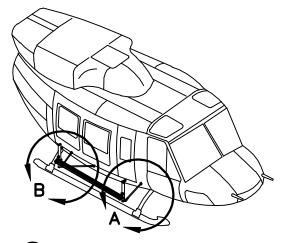
BELL 205A-1, 205B, 212, 412, 412EP, 412CF QUICK RELEASE STEP INSTALLATION STEP INSTALLATION

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	
	A4	80003	0	

1	1	80010-7100 05		STEP ASSEMBLY			
1		100605-01-02	04	RH LOW PROVISIONS INST'N			
	1	100605-01-01	03	LH LOW PROVISIONS INST'N			
		80003-01-02	02	RH LOW STEP INSTALLATION			
		80003-01-01	01	LH LOW STEP INSTALLATION			
02	01	PART NO.	ITEM	DESCRIPTION			
QTY	QTY	LIST OF MATERIALS					







LH HIGH STEP INSTALLATION RH HIGH STEP INSTALLATION

RIGHT SIDE INSTALLATION SHOWN, LEFT SIDE INSTALLATION OPPOSITE BELL 212 SHOWN, BELL 205, AND 412 INSTALLATION IDENTICAL NOT TO SCALE

Al	PPROVALS	DATE		
DRAWN:	JEFF CLARKE	13	JAN	2015
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TOLERANCES ON: **DECIMALS ANGLES** ±1/2° $x.xxx \pm 0.010$ ±0.03 X.XX ±0.1

X.X

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.

BELL 205A-1, 205B, 212, 412, 412EP, 412CF QUICK RELEASE STEP INSTALLATION STEP INSTALLATION

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	
SHEET 2 OF 3	A4	80003	0	

1	1	80010-7100 0		STEP ASSEMBLY			
1		100605-01-02 09		RH HIGH PROVISIONS INST'N			
	1	100605-01-01	08	LH HIGH PROVISIONS INST'N			
		80003-02-02	07	RH HIGH STEP INSTALLATION			
		80003-02-01	06	LH HIGH STEP INSTALLATION			
07	06	PART NO. ITEM DESCRIPTION					
QTY	QTY	LIST OF MATERIALS					

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REV. DESCRIPTION OF CHANGE

INITIAL ISSUE

NOTES

- 1. QUICK RELEASE MOUNTING PROVISIONS (ITEM 03/04 OR 08/09) INSTALLED IN ACCORDANCE WITH DRAWING 100605 OR 100606 ARE A MANDATORY PREREQUISITE FOR THIS INSTALLATION.
- QUICK RELEASE STEP MAY BE INSTALLED ON THE RIGHT AND/OR LEFT SIDE OF THE HELICOPTER.
 WEIGHT AND BALANCE IS GIVEN FOR RIGHT SIDE, LATERAL ARMS ARE NEGATIVE FOR LEFT SIDE INSTALLATION.
- 3. REFER TO FLIGHT MANUAL SUPPLEMENT, FMS751.91, FOR LIMITATIONS WITH THE QUICK RELEASE STEP INSTALLED.
- 4. REFER TO INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ICA800.90, FOR MAINTENANCE INFORMATION.

WLIOIII AND	DALA	NNCE -	- METRI	C 2		
DESCRIPTION						
			•		•	/
LOW STEP INSTALLATION (TOTAL)	8.6	3065	26357	1217	10469	
HIGH PROVISIONS INSTALLATION	5.3	3150	16695	1165	6175	
STEP ASSEMBLY	3.5	3058	10703	1295	4533	
HIGH STEP INSTALLATION (TOTAL)	8.8	3113	27398	1217	10708	
WEIGHT AND E	ΙΔΙ ΔΝ	CF —	STANDA	ARD	$\overline{\wedge}$	
WEIGHT /IND L	// \L/ \I\					
	WEIGHT					
DESCRIPTION						
		• • •		, ,		APPROVALS DATE AERO DESIGN LTD.
						DRAWN: JEFF CLARKE 13 JAN 2015 AERO DESIGN LID.
						POWELL RIVER BC CANADA V8A OGS
LOW STEP INSTALLATION (TOTAL)	19.0	120.7	2292.6	48.0	911.2	TEL: 604.483.2376 WWW.aerodesign.oa
						UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. BELL 205A-1, 205B, 212, 412, 412EP, 412CF
HIGH PROVISIONS INSTALLATION	11.6	124.0	1438.6	45.9	532.2	TO EPANCES ON: QUICK RELEASE SIEP INSTALLATION
STEP ASSEMBLY	7.8	120.4	939.1	51.0	397.8	DECIMALS ANGLES X.XXX ±0.010 ±1/2' NOT TO COLUMN DWG. SIZE DWG. NO. REV.
HIGH STEP INSTALLATION (TOTAL)	19.4	122.6	2377.8	47.9	930.0	X.XX ±0.03
,						XX ±0.1 SHEET 3 OF 3 A4 80003 0
	STEP ASSEMBLY HIGH STEP INSTALLATION (TOTAL) WEIGHT AND E DESCRIPTION LOW PROVISIONS INSTALLATION STEP ASSEMBLY HIGH PROVISIONS INSTALLATION STEP ASSEMBLY	LOW PROVISIONS INSTALLATION 5.1 STEP ASSEMBLY 3.5 LOW STEP INSTALLATION (TOTAL) 8.6 HIGH PROVISIONS INSTALLATION 5.3 STEP ASSEMBLY 3.5 HIGH STEP INSTALLATION (TOTAL) 8.8 WEIGHT AND BALAN DESCRIPTION (LB) LOW PROVISIONS INSTALLATION 11.2 STEP ASSEMBLY 7.8 LOW STEP INSTALLATION (TOTAL) 19.0 HIGH PROVISIONS INSTALLATION 11.6 STEP ASSEMBLY 7.8	DESCRIPTION WEIGHT (kg) ARM (mm) LOW PROVISIONS INSTALLATION STEP ASSEMBLY 3.5 3064 STEP ASSEMBLY 3.5 3065 LOW STEP INSTALLATION (TOTAL) 8.6 3065 HIGH PROVISIONS INSTALLATION (TOTAL) 5.3 3150 STEP ASSEMBLY 3.5 3058 HIGH STEP INSTALLATION (TOTAL) 8.8 3113 WEIGHT AND BALANCE — LONGI WEIGHT ARM (LB) (IN) DESCRIPTION (LB) (IN) LOW PROVISIONS INSTALLATION 11.2 120.6 STEP ASSEMBLY 7.8 120.7 HIGH PROVISIONS INSTALLATION (TOTAL) 19.0 120.7 HIGH PROVISIONS INSTALLATION 11.6 124.0 STEP ASSEMBLY 7.8 120.4	DESCRIPTION (kg) (mm) (mm-kg) LOW PROVISIONS INSTALLATION 5.1 3064 15626 STEP ASSEMBLY 3.5 3066 10731 LOW STEP INSTALLATION (TOTAL) 8.6 3065 26357 HIGH PROVISIONS INSTALLATION 5.3 3150 16695 STEP ASSEMBLY 3.5 3058 10703 HIGH STEP INSTALLATION (TOTAL) 8.8 3113 27398 WEIGHT ARM MOMENT LONGITUDINAL WEIGHT ARM MOMENT (LB) (IN) (LB-IN) LOW PROVISIONS INSTALLATION 11.2 120.6 1351.2 STEP ASSEMBLY 7.8 120.7 941.5 LOW STEP INSTALLATION (TOTAL) 19.0 120.7 2292.6 HIGH PROVISIONS INSTALLATION 11.6 124.0 1438.6 STEP ASSEMBLY 7.8 120.4 939.1	DESCRIPTION WEIGHT (kg) ARM (mm) MOMENT (mm-kg) ARM (mm) LOW PROVISIONS INSTALLATION 5.1 3064 15626 1164 STEP ASSEMBLY 3.5 3066 10731 1295 LOW STEP INSTALLATION (TOTAL) 8.6 3065 26357 1217 HIGH PROVISIONS INSTALLATION 5.3 3150 16695 1165 STEP ASSEMBLY 3.5 3058 10703 1295 HIGH STEP INSTALLATION (TOTAL) 8.8 3113 27398 1217 WEIGHT AND BALANCE — STANDARD LONGITUDINAL LAT ARM MOMENT ARM MOMENT ARM MOMENT ARM (LB) (IN) (LB-IN) (IN) DESCRIPTION (LB) (IN) (LB-IN) (IN) (IN) (LB-IN) (IN) LOW PROVISIONS INSTALLATION 11.2 120.6 1351.2 45.8 STEP ASSEMBLY 7.8 120.7 941.5 51.0 LOW STEP INSTALLATION (TOTAL) 19.0 120.7 2292.6 48.0 HIGH PROVISIONS INSTALLATION (TOTAL) 11.6 124.0 1438.6 45.9 STEP ASSEMBLY 7.8 120.4 939.1	DESCRIPTION WEIGHT (kg) ARM (mm) MOMENT (mm-kg) ARM (mm-kg) MOMENT (mm-kg) LOW PROVISIONS INSTALLATION 5.1 3064 15626 1164 5936 STEP ASSEMBLY 3.5 3066 10731 1295 4533 LOW STEP INSTALLATION (TOTAL) 8.6 3065 26357 1217 10469 HIGH PROVISIONS INSTALLATION (TOTAL) 5.3 3150 16695 1165 6175 STEP ASSEMBLY 3.5 3058 10703 1295 4533 HIGH STEP INSTALLATION (TOTAL) 8.8 3113 27398 1217 10708 WEIGHT AND BALANCE — STANDARD PLANCE — STANDARD PLANCE — STANDARD PLANCE — LATERAL ARM MOMENT (LB) (IN) (LB-IN) (IN) (LB-IN) (LB-IN) LOW PROVISIONS INSTALLATION 11.2 120.6 1351.2 45.8 513.4 STEP ASSEMBLY 7.8 120.7 941.5 51.0 397.8 LOW STEP INSTALLATION (TOTAL) 19.0 120.7 2292.6 48.0 911.2 HIGH PROVISIONS INSTALLATION (TO